

**IN THE CLAIMS:**

Please amend the claims as follows.

1-2. (Cancelled).

3. (Currently Amended) ~~The method of claim 1,~~ A method of rendering a scene, the method comprising:

obtaining first information including a part of a MPEG-4 BIFS scene description stream and at least one coded MPEG-4 media stream;

decoding the first information using a BIFS scene decoder and one or more specific application decoders associated with the scene description;

obtaining second information including a second part of a BIFS scene description stream that contains a reference to an external application, wherein the reference to an external application includes a coded representation of a Universal Resource Locator relating to a location where software for the external application decoder resides;

decoding the second information using the BIFS scene decoder and an external application decoder;

composing an integrated scene including one or more decoded MPEG-4 media objects and one or more external application objects specified in the decoded scene description streams; and

rendering the composed integrated scene.

4-5. (Cancelled)

6. (Currently Amended) ~~The method of claim 1,~~ A method of rendering a scene, the method comprising:

obtaining first information including a part of a MPEG-4 BIFS scene description stream and at least one coded MPEG-4 media stream;

decoding the first information using a BIFS scene decoder and one or more specific application decoders associated with the scene description;

obtaining second information including a second part of a BIFS scene description stream that contains a reference to an external application, wherein the reference to an external application includes a start time and a stop time;

decoding the second information using the BIFS scene decoder and an external application decoder;

composing an integrated scene including one or more decoded MPEG-4 media objects and one or more external application objects specified in the decoded scene description streams;

rendering the composed integrated scene; and wherein the method includes

starting the external application decoder at the start time; and

stopping the external application decoder at the stop time.

7. (Currently Amended)—~~The method of claim 1,~~ A method of rendering a scene, the method comprising:

obtaining first information including a part of a MPEG-4 BIFS scene description stream and at least one coded MPEG-4 media stream;

decoding the first information using a BIFS scene decoder and one or more specific application decoders associated with the scene description;

obtaining second information including a second part of a BIFS scene description stream that contains a reference to an external application, wherein the reference to an external application includes description information;

decoding the second information using the BIFS scene decoder and an external application decoder;

composing an integrated scene including one or more decoded MPEG-4 media objects and one or more external application objects specified in the decoded scene description streams;

rendering the composed integrated scene; and wherein the method includes displaying a prompt in the scene based on the description information.

8. (Cancelled)

9. (Currently amended) ~~The method of claim 1, wherein the method further comprises:~~ A method of rendering a scene, the method comprising:  
obtaining first information including a part of a MPEG-4 BIFS scene description stream and at least one coded MPEG-4 media stream;  
decoding the first information using a BIFS scene decoder and one or more specific application decoders associated with the scene description;  
obtaining second information including a second part of a BIFS scene description stream that contains a reference to an external application;  
decoding the second information using the BIFS scene decoder and an external application decoder;  
composing an integrated scene including one or more decoded MPEG-4 media objects and one or more external application objects specified in the decoded scene description streams;  
rendering the composed integrated scene;  
receiving information signaling that the external application decoder should run in the background; and  
signaling the external application decoder to relinquish an application window and continue to run.

10-16. (Cancelled)

17. (Currently Amended) ~~The article of manufacture of claim 15,~~ An article of manufacture comprising a computer-readable medium having stored thereon instructions adapted to be executed by a processor, the instructions which, when

executed, cause the processor to:

obtain information including a part of a MPEG-4 BIFS scene description stream, at least one coded MPEG-4 media stream, and a reference to an external application, wherein the reference to an external application includes a coded representation of a Universal Resource Locator relating to a location where software for the external application resides;

decode said information obtained;

compose an integrated scene including one or more decoded MPEG-4 media objects and one or more external application objects specified in the decoded information; and

render the composed integrated scene.

18. ~~(Currently Amended) The article of manufacture of claim 15, An article of manufacture comprising a computer-readable medium having stored thereon instructions adapted to be executed by a processor, the instructions which, when~~  
executed, cause the processor to:

obtain information including a part of a MPEG-4 BIFS scene description stream, at least one coded MPEG-4 media stream, and a reference to an external application, wherein the reference to an external application integration includes a start time and a stop time;

decode said information obtained;

compose an integrated scene including one or more decoded MPEG-4 media objects and one or more external application objects specified in the decoded information;

render the composed integrated scene;

- ~~and wherein the instructions stored on the computer-readable medium~~  
~~further include instructions adapted to be executed by the processor to~~  
~~start the external application at the start time; and~~  
~~stop the external application at the stop time.~~

19. (Original) The article of manufacture of claim 18, wherein the reference to an external application includes description information, and wherein the instructions stored on the computer-readable medium further include instructions adapted to be executed the processor to display a prompt in the scene based on the description information.

20-23. (Cancelled)

24. (Currently Amended) ~~The method of claim 23,~~ A method of rendering a scene, the method comprising:  
obtaining first information including a part of a MPEG-4 BIFS scene description stream and at least one coded MPEG-4 media stream;  
decoding the first information using a BIFS scene decoder and one or more specific application decoders associated with the scene description;  
composing and rendering a scene including one or more decoded MPEG-4 media objects specified in the decoded scene description streams;  
detecting user interaction with the scene requesting activation of an external application;  
obtaining second information including a second part of a BIFS scene description stream that contains a reference to the external application, wherein the reference to an external application includes information corresponding to an ApplicationWindow node, wherein the information corresponding to an ApplicationWindow node includes information identifying a location for an application window within the scene and information identifying dimensions of an application window, and wherein the information corresponding to an ApplicationWindow node includes a start time and a stop time;  
decoding the second information using the BIFS scene decoder and an external application decoder;  
re-composing the scene by integrating a sub-scene specified by the decoded second information into the scene;

rendering the re-composed scene, and wherein the method includes  
starting the external application at the start time; and  
stopping the external application at the stop time.

25. (Currently Amended) ~~The method of claim 23,~~ A method of rendering a scene,  
the method comprising:

obtaining first information including a part of a MPEG-4 BIFS scene  
description stream and at least one coded MPEG-4 media stream;

decoding the first information using a BIFS scene decoder and one or  
more specific application decoders associated with the scene description;

composing and rendering a scene including one or more decoded MPEG-  
4 media objects specified in the decoded scene description streams;

detecting user interaction with the scene requesting activation of an  
external application;

obtaining second information including a second part of a BIFS scene  
description stream that contains a reference to the external application, wherein  
the reference to an external application includes information corresponding to an  
ApplicationWindow node, wherein the information corresponding to an  
ApplicationWindow node includes information identifying a location for an  
application window within the scene and information identifying dimensions of an  
application window, and, wherein the information corresponding to an  
ApplicationWindow node includes description information;

decoding the second information using the BIFS scene decoder and an  
external application decoder;

re-composing the scene by integrating a sub-scene specified by the  
decoded second information into the scene;

rendering the re-composed scene; and wherein the method includes  
displaying a prompt in the scene based on the description information.

26. (Cancelled)

27. (Currently Amended) ~~The method of claim 23,~~ A method of rendering a scene, the method comprising:
- obtaining first information including a part of a MPEG-4 BIFS scene description stream and at least one coded MPEG-4 media stream;
  - decoding the first information using a BIFS scene decoder and one or more specific application decoders associated with the scene description;
  - composing and rendering a scene including one or more decoded MPEG-4 media objects specified in the decoded scene description streams;
  - detecting user interaction with the scene requesting activation of an external application;
  - obtaining second information including a second part of a BIFS scene description stream that contains a reference to the external application, wherein the reference to an external application includes information corresponding to an ApplicationWindow node, wherein the information corresponding to an ApplicationWindow node includes information identifying a location for an application window within the scene and information identifying dimensions of an application window;
  - decoding the second information using the BIFS scene decoder and an external application decoder;
  - re-composing the scene by integrating a sub-scene specified by the decoded second information into the scene;
  - rendering the re-composed scene; ~~wherein the method further comprises:~~
  - receiving information signaling that the external application should run in the background; and
  - signaling the external application to relinquish an application window and continue to run.